

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
1	468	(710/316).CCLS.	USPAT; US-PGPUB	2004/08/24 09:31
2	1032	(326/38).CCLS.	USPAT; US-PGPUB	2004/08/24 09:31
3	63	((326/38).CCLS.) and (analog same digital)	USPAT; US-PGPUB	2004/08/24 09:35
4	3625	(257/666,676,e23.011,e23.032,e23.079).CCLS.	USPAT; US-PGPUB	2004/08/24 09:35
5	117	((257/666,676,e23.011,e23.032,e23.079).CCLS. and (analog same digital))	US\$PAT; US-PGPUB	2004/08/24 09:36
-	164	(710/317).CCLS.	USPAT; US-PGPUB	2004/08/16 15:12
-	212632	analog near6 digital	USPAT; US-PGPUB	2004/08/09 10:22
-	2299	"analog circuit" near6 "digital circuit"	USPAT; US-PGPUB	2004/08/09 10:23
-	0	("analog circuit" near6 "digital circuit") and wire?bond	USPAT; US-PGPUB	2004/08/09 10:23
-	341	("analog circuit" near6 "digital circuit") and pad	USPAT; US-PGPUB	2004/08/09 10:23
-	188	((("analog circuit" near6 "digital circuit") and pad) and wire	USPAT; US-PGPUB	2004/08/09 10:24
-	542	wire?bond	USPAT; US-PGPUB	2004/08/09 10:24
-	1912	wire?bond or wirebond	USPAT; US-PGPUB	2004/08/09 10:25
-	141	(wire?bond or wirebond) and (analog near6 digital)	USPAT; US-PGPUB	2004/08/09 10:41
-	77748	(analog near10 digital) not converter	USPAT; US-PGPUB	2004/08/09 11:20
-	7987	((analog near10 digital) not converter) and pad	USPAT; US-PGPUB	2004/08/09 11:13
-	44150	((analog near10 digital) not converter) and switch\$7	USPAT; US-PGPUB	2004/08/09 11:14
-	10880	((analog near10 digital) not converter) same switch\$7	USPAT; US-PGPUB	2004/08/09 11:16
-	5223	((analog near10 digital) not converter) same switch\$7) and (cpu or processor)	USPAT; US-PGPUB	2004/08/09 11:16
-	555	((((analog near10 digital) not converter) same switch\$7) and (cpu or processor)) and (microcontroller or micro?controller)	USPAT; US-PGPUB	2004/08/09 11:17
-	91	(((((analog near10 digital) not converter) same switch\$7) and (cpu or processor)) and (microcontroller or micro?controller)) and pad	USPAT; US-PGPUB	2004/08/09 11:17
-	25466	(analog near10 digital) not conver\$6	USPAT; US-PGPUB	2004/08/09 11:21
-	13002	((analog near10 digital) not conver\$6) and switch\$7	USPAT; US-PGPUB	2004/08/09 11:22
-	5185	((((analog near10 digital) not conver\$6) and switch\$7) and (cpu or processor)	USPAT; US-PGPUB	2004/08/09 11:22
-	504	((((analog near10 digital) not conver\$6) and switch\$7) and (cpu or processor)) and (microcontroller or micro?controller)	USPAT; US-PGPUB	2004/08/09 11:23
-	71	(((((analog near10 digital) not conver\$6) and switch\$7) and (cpu or processor)) and (microcontroller or micro?controller)) and (pad or wirebond or wire?bond)	USPAT; US-PGPUB	2004/08/09 11:31
-	33	(microcontroller or micro?controller) and (wirebond or wire?bond)	USPAT; US-PGPUB	2004/08/09 12:03
-	374437	(gate or counter or buffer or latch or decoder or encoder or register or flip?flop or timer) near15 (filter or amplifier or switch or clipper or limiter or summer or buffer)	USPAT; US-PGPUB	2004/08/09 12:04

	91918	((gate or counter or buffer or latch or decoder or encoder or register or flip?flop or timer) near15 (filter or amplifier or switch or clipper or limiter or summer or buffer)) and digital and analog	USPAT; US-PGPUB	2004/08/09 12:05
	6901	((gate or counter or buffer or latch or decoder or encoder or register or flip?flop or timer) near15 (filter or amplifier or switch or clipper or limiter or summer or buffer)) and digital and analog) and (microcontroller or micro-controller)	USPAT; US-PGPUB	2004/08/09 12:05
	1	((((gate or counter or buffer or latch or decoder or encoder or register or flip?flop or timer) near15 (filter or amplifier or switch or clipper or limiter or summer or buffer)) and digital and analog) and (microcontroller or micro-controller)) and (wirebond or wire?bond)	USPAT; US-PGPUB	2004/08/09 12:08
	156	((gate or counter or buffer or latch or decoder or encoder or register or flip?flop or timer) near15 (filter or amplifier or switch or clipper or limiter or summer or buffer)) and (wirebond or wire?bond)	USPAT; US-PGPUB	2004/08/09 12:24
	42757	((gate or counter or buffer or latch or decoder or encoder or register or flip?flop or timer) near15 (filter or amplifier or switch or clipper or limiter or summer or buffer)) same (processor or cpu)	USPAT; US-PGPUB	2004/08/09 12:25
	15401	((gate or counter or buffer or latch or decoder or encoder or register or flip?flop or timer) near15 (filter or amplifier or switch or clipper or limiter or summer or buffer)) same (processor or cpu) same switch\$8	USPAT; US-PGPUB	2004/08/09 12:26
	4361	((((gate or counter or buffer or latch or decoder or encoder or register or flip?flop or timer) near15 (filter or amplifier or switch or clipper or limiter or summer or buffer)) same (processor or cpu)) same switch\$8) not conver\$8	USPAT; US-PGPUB	2004/08/09 12:26
	326	((((gate or counter or buffer or latch or decoder or encoder or register or flip?flop or timer) near15 (filter or amplifier or switch or clipper or limiter or summer or buffer)) same (processor or cpu)) same switch\$8) and (analog and digital) not conver\$8	USPAT; US-PGPUB	2004/08/09 12:27
	326	(((((gate or counter or buffer or latch or decoder or encoder or register or flip?flop or timer) near15 (filter or amplifier or switch or clipper or limiter or summer or buffer)) same (processor or cpu)) same switch\$8) and (analog and digital) not conver\$8) and switch\$8	USPAT; US-PGPUB	2004/08/09 12:29
	34815	(config\$9 or reconfig\$9 or re?config\$9) and (analog same digital) not (conversion or converter)	USPAT; US-PGPUB	2004/08/09 12:30
	36	"1323" and switch\$9	USPAT; US-PGPUB	2004/08/09 12:31
	20504	((config\$9 or reconfig\$9 or re?config\$9) and (analog same digital) not (conversion or converter)) and switch\$9	USPAT; US-PGPUB	2004/08/09 12:31
	1802	((config\$9 or reconfig\$9 or re?config\$9) and (analog same digital) not (conversion or converter)) and switch\$9) and (microcontroller or micro?controller)	USPAT; US-PGPUB	2004/08/09 12:32

	2741	((config\$9 or reconfig\$9 or re?config\$9) and (analog same digital) not (conversion or converter)) and switch\$9) and (wirebond or wire?bond or pad)	USPAT; US-PGPUB	2004/08/09 12:32
	283	((((config\$9 or reconfig\$9 or re?config\$9) and (analog same digital) not (conversion or converter)) and switch\$9) and (wirebond or wire?bond or pad)) and ((config\$8 or re?config\$8 or reconfig\$8) near10 (analog or digital))	USPAT; US-PGPUB	2004/08/09 12:33
	318	((((config\$9 or reconfig\$9 or re?config\$9) and (analog same digital) not (conversion or converter)) and switch\$9) and (wirebond or wire?bond or pad)) and ((config\$8 or re?config\$8 or reconfig\$8) near16 (analog or digital))	USPAT; US-PGPUB	2004/08/09 12:34
	211	((((config\$9 or reconfig\$9 or re?config\$9) and (analog same digital) not (conversion or converter)) and switch\$9) and (wirebond or wire?bond or pad)) and ((config\$8 or re?config\$8 or reconfig\$8) near6 (analog or digital))	USPAT; US-PGPUB	2004/08/09 12:35
	10864	(analog same digital) and ((config\$9 or reconfig\$9 or re?config\$9) near6 (analog or digital)) and switch\$9	USPAT; US-PGPUB	2004/08/09 12:38
	1517	(analog same digital) and ((config\$9 or reconfig\$9 or re?config\$9) near6 (analog or digital)) and (switch\$9 near10 (cpu or processor))	USPAT; US-PGPUB	2004/08/09 12:40
	197	((analog same digital) and ((config\$9 or reconfig\$9 or re?config\$9) near6 (analog or digital)) and (switch\$9 near10 (cpu or processor))) not (conversion or converter)	USPAT; US-PGPUB	2004/08/09 12:41
	0	20040103344.URPN.	USPAT	2004/08/09 12:45
	786	(713/100).CCLS.	USPAT; US-PGPUB	2004/08/09 13:24
	91	((713/100).CCLS.) and (analog near15 digital)	USPAT; US-PGPUB	2004/08/09 13:40
	987	(710/8).CCLS.	USPAT; US-PGPUB	2004/08/09 13:39
	143	((710/8).CCLS.) and (analog near15 digital)	USPAT; US-PGPUB	2004/08/09 13:53
	699	(710/104).CCLS.	USPAT; US-PGPUB	2004/08/09 13:53
	85	((710/104).CCLS.) and (analog near15 digital)	USPAT; US-PGPUB	2004/08/09 14:19
	213	(340/825).CCLS.	USPAT; US-PGPUB	2004/08/09 14:19
	34	((340/825).CCLS.) and (analog near15 digital)	USPAT; US-PGPUB	2004/08/09 14:23
	1132	(326/41).CCLS.	USPAT; US-PGPUB	2004/08/09 15:38
	1	("20030046462").PN.	USPAT; US-PGPUB	2004/08/09 15:15
	61	((326/41).CCLS.) and (analog near15 digital)	USPAT; US-PGPUB	2004/08/09 15:40
	367	((326/41).CCLS.) and (wirebond or wire?bond or pad)	USPAT; US-PGPUB	2004/08/09 15:40
	4	((326/41).CCLS.) and (wirebond or wire?bond)	USPAT; US-PGPUB	2004/08/09 15:40
	0	6738858.URPN.	USPAT	2004/08/09 15:48
	10	("3984819" "4807183" "4963768" "5261059" "5392446" "5428750" "5555543" "5559971" "6047002" "6263415").PN.	USPAT	2004/08/09 15:48
	1	6509758.URPN.	USPAT	2004/08/09 16:13

	12	("4642561" "4800294" "4963768" "5107146" "5107230" "5289116" "5473758" "5511182" "5563526" "5686844" "6057705" "6246258").PN.	USPAT	2004/08/09 16:13
	58	(712/247).CCLS.	USPAT; US-PGPUB	2004/08/16 15:12
	1	(US-RE37195-\$).did.	USPAT	2004/08/16 16:01
	0	((US-RE37195-\$).did.) and analog and digital	USPAT; US-PGPUB	2004/08/16 16:01
	0	((US-RE37195-\$).did.) and analog	USPAT; US-PGPUB	2004/08/16 16:01
	0	((US-RE37195-\$).did.) and digital	USPAT; US-PGPUB	2004/08/16 16:06
	13616	("326").CLAS.	USPAT; US-PGPUB	2004/08/16 16:06
	31	(("326").CLAS.) and (wirebond\$8 or wire?bond\$8)	USPAT;	2004/08/16 16:10
	0	(("326").CLAS.) and (pad and switch and analog and digital)	USPAT; US-PGPUB	2004/08/16 16:10
	172	(("326").CLAS.) and (pad and switch and analog and digital)	USPAT; US-PGPUB	2004/08/16 16:10
	31	(("326").CLAS.) and (bond and pad and switch and analog and digital)	USPAT; US-PGPUB	2004/08/16 16:17
	13	((("326").CLAS.) and (bond and switch and analog and digital)) not (((("326").CLAS.) and (bond and pad and switch and analog and digital))	USPAT; US-PGPUB	2004/08/16 16:24
	1045	((analog and digital) not conver\$8).ti.	USPAT; US-PGPUB	2004/08/16 16:30
	86	((analog and digital) not conver\$8).ti. and (wirebond\$8 or wire?bond\$8 or pad or bond\$8)	USPAT; US-PGPUB	2004/08/16 16:31
	64	((((analog and digital) not conver\$8).ti.) and (wirebond\$8 or wire?bond\$8 or pad or bond\$8)) and switch\$8	USPAT; US-PGPUB	2004/08/16 16:31
	58	(US-5563529-\$ or US-6355980-\$ or US-6636932-\$ or US-4441183-\$ or US-6314550-\$ or US-5414380-\$ or US-4758985-\$ or US-5161124-\$ or US-6624658-\$ or US-6545504-\$ or US-6188241-\$ or US-6509758-\$ or US-6507215-\$ or US-6496033-\$ or US-6492834-\$ or US-6414518-\$ or US-6271679-\$ or US-6246260-\$ or US-6208162-\$ or US-6157212-\$ or US-6075380-\$ or US-5869979-\$ or US-6246258-\$ or US-6057705-\$ or US-5686844-\$ or US-5563526-\$).did. or (US-5511182-\$ or US-5107146-\$ or US-4963768-\$ or US-6445242-\$ or US-5922063-\$ or US-6768337-\$ or US-6738858-\$ or US-6337579-\$ or US-RE37195-\$ or US-5917337-\$ or US-5705938-\$ or US-6438680-\$ or US-5305312-\$ or US-6192431-\$ or US-6356958-\$ or US-6112264-\$ or US-6021317-\$ or US-6687814-\$ or US-5727170-\$).did. or (US-20030016049-\$ or US-20020121679-\$ or US-20030107397-\$ or US-20030154061-\$ or US-20020119583-\$ or US-20010043081-\$ or US-20040054821-\$ or US-20030046462-\$ or US-20020187763-\$ or US-20020193084-\$ or US-20030003887-\$ or US-20030193081-\$ or US-20030155635-\$).did.	USPAT; US-PGPUB	2004/08/20 13:36

	33	((US-5563529-\$ or US-6355980-\$ or US-6636932-\$ or US-4441183-\$ or US-6314550-\$ or US-5414380-\$ or US-4758985-\$ or US-5161124-\$ or US-6624658-\$ or US-6545504-\$ or US-6188241-\$ or US-6509758-\$ or US-6507215-\$ or US-6496033-\$ or US-6492834-\$ or US-6414518-\$ or US-6271679-\$ or US-6246260-\$ or US-6208162-\$ or US-6157212-\$ or US-6075380-\$ or US-5869979-\$ or US-6246258-\$ or US-6057705-\$ or US-5686844-\$ or US-5563526-\$).did. or (US-5511182-\$ or US-5107146-\$ or US-4963768-\$ or US-6445242-\$ or US-5922063-\$ or US-6768337-\$ or US-6738858-\$ or US-6337579-\$ or US-RE37195-\$ or US-5917337-\$ or US-5705938-\$ or US-6438680-\$ or US-5305312-\$ or US-6192431-\$ or US-6356958-\$ or US-6112264-\$ or US-6021317-\$ or US-6687814-\$ or US-5727170-\$).did. or (US-20030016049-\$ or US-20020121679-\$ or US-20030107397-\$ or US-20030154061-\$ or US-20020119583-\$ or US-20010043081-\$ or US-20040054821-\$ or US-20030046462-\$ or US-20020187763-\$ or US-20020193084-\$ or US-20030003887-\$ or US-20030193081-\$ or US-20030155635-\$).did.) and wire\$10 ("5305312").PN.	USPAT; US-PGPUB	2004/08/20 13:53
	1	5305312.URPN.	USPAT; US-PGPUB	2004/08/20 15:05
	119		USPAT	2004/08/20 13:53
	9	("4585904" "4718057" "4905237" "4922484" "4922490" "4961185" "5067125" "5113396" "5134611").PN.	USPAT	2004/08/20 13:59
	104	"mixed signal processing"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/08/20 15:06
	88	"mixed signal processing" and analog and digital	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/08/20 15:15
	4633	"mixed signal" and analog and digital	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/08/20 15:25
	2525	("mixed signal" and analog and digital) and config\$10	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/08/20 15:25
	1522	((("mixed signal" and analog and digital) and config\$10) and (processor or cpu))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/08/20 15:26
	1207	((("mixed signal" and analog and digital) and config\$10) and (processor or cpu)) and switch\$10	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/08/20 16:41
	572	((("mixed signal" and analog and digital) and config\$10) and (processor or cpu)) and switch\$10) and (pad or bond or wire)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/08/20 15:52

	1	6509758.URPN.	USPAT	2004/08/20 15:42
	12	("4642561" "4800294" "4963768" "5107146" "5107230" "5289116" "5473758" "5511182" "5563526" "5686844" "6057705" "6246258").PN.	USPAT	2004/08/20 15:42
	0	piasecki-douglas.in.	USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/20 15:53
	23	piasecki-douglas-s.in.	USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/20 15:53
	0	6507215.URPN.	USPAT	2004/08/20 15:53
	12	("4642561" "4800294" "4963768" "5107230" "5289116" "5473758" "5511182" "5563526" "5686844" "5724009" "6057705" "6246258").PN.	USPAT	2004/08/20 15:53
	228	((("mixed signal" and analog and digital) and config\$10) and (processor or cpu)) and selector	USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/20 16:41
	60	(US-5414380-\$ or US-6314550-\$ or US-6188241-\$ or US-6545504-\$ or US-6624658-\$ or US-6445242-\$ or US-5563529-\$ or US-6356958-\$ or US-6192431-\$ or US-5922063-\$ or US-6636932-\$ or US-5555452-\$ or US-5305312-\$ or US-6337579-\$ or US-6738858-\$ or US-6768337-\$ or US-5727170-\$ or US-6687814-\$ or US-6021317-\$ or US-6112264-\$ or US-6438680-\$ or US-5705938-\$ or US-5917337-\$ or US-RE37195-\$ or US-6355980-\$ or US-4441183-\$).did. or (US-5161124-\$ or US-5724009-\$ or US-4963768-\$ or US-5107146-\$ or US-5511182-\$ or US-5563526-\$ or US-5686844-\$ or US-6057705-\$ or US-6246258-\$ or US-5869979-\$ or US-6075380-\$ or US-6157212-\$ or US-6208162-\$ or US-6246260-\$ or US-6271679-\$ or US-6414518-\$ or US-6492834-\$ or US-6496033-\$ or US-6507215-\$ or US-6509758-\$ or US-4758985-\$).did. or (US-20030154061-\$ or US-20030155635-\$ or US-20030193081-\$ or US-20020187763-\$ or US-20020193084-\$ or US-20030003887-\$ or US-20030046462-\$ or US-20040054821-\$ or US-20030016049-\$ or US-20020121679-\$ or US-20030107397-\$ or US-20010043081-\$ or US-20020119583-\$).did.	USPAT; US_PGPUB	2004/08/23 10:32

	6	((US-5414380-\$ or US-6314550-\$ or US-6188241-\$ or US-6545504-\$ or US-6624658-\$ or US-6445242-\$ or US-5563529-\$ or US-6356958-\$ or US-6192431-\$ or US-5922063-\$ or US-6636932-\$ or US-5555452-\$ or US-5305312-\$ or US-6337579-\$ or US-6738858-\$ or US-6768337-\$ or US-5727170-\$ or US-6687814-\$ or US-6021317-\$ or US-6112264-\$ or US-6438680-\$ or US-5705938-\$ or US-5917337-\$ or US-RE37195-\$ or US-6355980-\$ or US-4441183-\$).did. or (US-5161124-\$ or US-5724009-\$ or US-4963768-\$ or US-5107146-\$ or US-5511182-\$ or US-5563526-\$ or US-5686844-\$ or US-6057705-\$ or US-6246258-\$ or US-5869979-\$ or US-6075380-\$ or US-6157212-\$ or US-6208162-\$ or US-6246260-\$ or US-6271679-\$ or US-6414518-\$ or US-6492834-\$ or US-6496033-\$ or US-6507215-\$ or US-6509758-\$ or US-4758985-\$).did. or (US-20030154061-\$ or US-20030155635-\$ or US-20030193081-\$ or US-20020187763-\$ or US-20020193084-\$ or US-20030003887-\$ or US-20030046462-\$ or US-20040054821-\$ or US-20030016049-\$ or US-20020121679-\$ or US-20030107397-\$ or US-20010043081-\$ or US-20020119583-\$).did.) and (wire?bond or wirebond)	USPAT; US-PGPUB	2004/08/23 13:21
	60	(US-6271679-\$ or US-6246260-\$ or US-6208162-\$ or US-6157212-\$ or US-6075380-\$ or US-5869979-\$ or US-6246258-\$ or US-6057705-\$ or US-5686844-\$ or US-5563526-\$ or US-5511182-\$ or US-5107146-\$ or US-4963768-\$ or US-5724009-\$ or US-5161124-\$ or US-6192431-\$ or US-5922063-\$ or US-6636932-\$ or US-6356958-\$ or US-5563529-\$ or US-6445242-\$ or US-6624658-\$ or US-6545504-\$ or US-6188241-\$ or US-6314550-\$ or US-5414380-\$).did. or (US-4758985-\$ or US-6509758-\$ or US-6507215-\$ or US-6496033-\$ or US-6492834-\$ or US-6414518-\$ or US-5555452-\$ or US-5305312-\$ or US-6337579-\$ or US-6738858-\$ or US-6768337-\$ or US-5727170-\$ or US-6687814-\$ or US-6021317-\$ or US-6112264-\$ or US-6438680-\$ or US-5705938-\$ or US-5917337-\$ or US-RE37195-\$ or US-6355980-\$ or US-4441183-\$).did. or (US-20030107397-\$ or US-20020121679-\$ or US-20020187763-\$ or US-20020193084-\$ or US-20030003887-\$ or US-20030193081-\$ or US-20030155635-\$ or US-20030154061-\$ or US-20020119583-\$ or US-20010043081-\$ or US-20030046462-\$ or US-20040054821-\$ or US-20030016049-\$).did.	USPAT; US-PGPUB	2004/08/23 13:21

	26	((US-6271679-\$ or US-6246260-\$ or US-6208162-\$ or US-6157212-\$ or US-6075380-\$ or US-5869979-\$ or US-6246258-\$ or US-6057705-\$ or US-5686844-\$ or US-5563526-\$ or US-5511182-\$ or US-5107146-\$ or US-4963768-\$ or US-5724009-\$ or US-5161124-\$ or US-6192431-\$ or US-5922063-\$ or US-6636932-\$ or US-6356958-\$ or US-5563529-\$ or US-6445242-\$ or US-6624658-\$ or US-6545504-\$ or US-6188241-\$ or US-6314550-\$ or US-5414380-\$).did. or (US-4758985-\$ or US-6509758-\$ or US-6507215-\$ or US-6496033-\$ or US-6492834-\$ or US-6414518-\$ or US-5555452-\$ or US-5305312-\$ or US-6337579-\$ or US-6738858-\$ or US-6768337-\$ or US-5727170-\$ or US-6687814-\$ or US-6021317-\$ or US-6112264-\$ or US-6438680-\$ or US-5705938-\$ or US-5917337-\$ or US-RE37195-\$ or US-6355980-\$ or US-4441183-\$).did. or (US-20030107397-\$ or US-20020121679-\$ or US-20020187763-\$ or US-20020193084-\$ or US-20030003887-\$ or US-20030193081-\$ or US-20030155635-\$ or US-20030154061-\$ or US-20020119583-\$ or US-20010043081-\$ or US-20030046462-\$ or US-20040054821-\$ or US-20030016049-\$).did.) and (configur\$8 near10 (analog or digital))	USPAT; US-PGPUB	2004/08/23 14:13
	9	((US-6271679-\$ or US-6246260-\$ or US-6208162-\$ or US-6157212-\$ or US-6075380-\$ or US-5869979-\$ or US-6246258-\$ or US-6057705-\$ or US-5686844-\$ or US-5563526-\$ or US-5511182-\$ or US-5107146-\$ or US-4963768-\$ or US-5724009-\$ or US-5161124-\$ or US-6192431-\$ or US-5922063-\$ or US-6636932-\$ or US-6356958-\$ or US-5563529-\$ or US-6445242-\$ or US-6624658-\$ or US-6545504-\$ or US-6188241-\$ or US-6314550-\$ or US-5414380-\$).did. or (US-4758985-\$ or US-6509758-\$ or US-6507215-\$ or US-6496033-\$ or US-6492834-\$ or US-6414518-\$ or US-5555452-\$ or US-5305312-\$ or US-6337579-\$ or US-6738858-\$ or US-6768337-\$ or US-5727170-\$ or US-6687814-\$ or US-6021317-\$ or US-6112264-\$ or US-6438680-\$ or US-5705938-\$ or US-5917337-\$ or US-RE37195-\$ or US-6355980-\$ or US-4441183-\$).did. or (US-20030107397-\$ or US-20020121679-\$ or US-20020187763-\$ or US-20020193084-\$ or US-20030003887-\$ or US-20030193081-\$ or US-20030155635-\$ or US-20030154061-\$ or US-20020119583-\$ or US-20010043081-\$ or US-20030046462-\$ or US-20040054821-\$ or US-20030016049-\$).did.) and ((tristate or tri?state) near (amplifier or buffer))	USPAT; US-PGPUB	2004/08/23 16:23